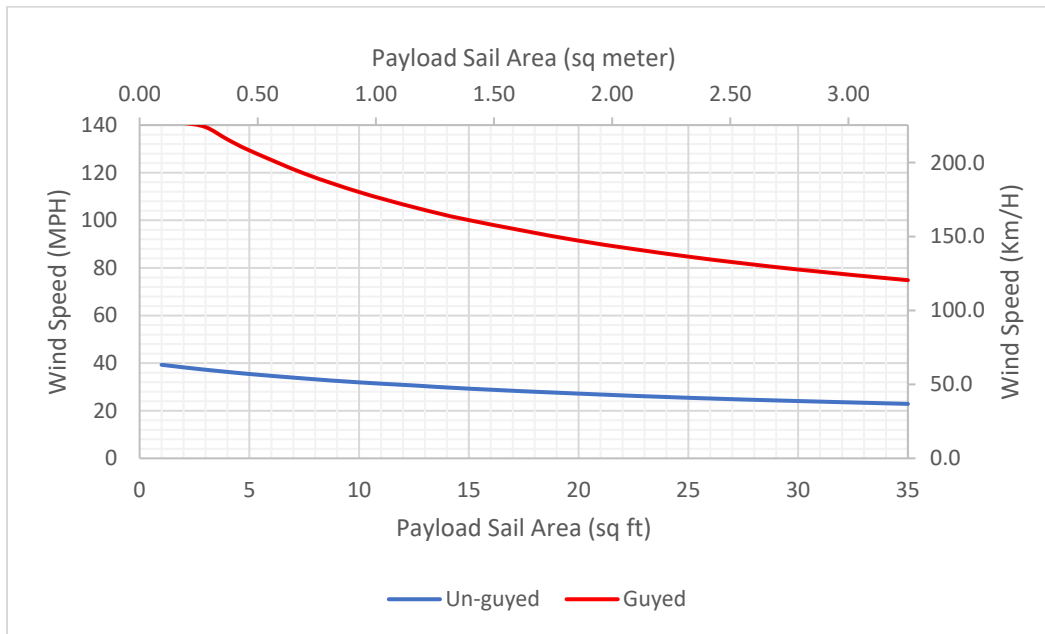


18-120 Super Heavy Duty Locking Pneumatic Mast

Survival Wind Speed Performance Curve



<p><u>Mast</u></p> <ul style="list-style-type: none"> • 18-120 SHDL Pneumatic Mast <ul style="list-style-type: none"> • Nest Height = 18 ft 2 in [5.54 m] • Fully Extended Height = 120 ft [36.6 m] • No of Tubes = 8 • Tube Set = 5.25" – 11.25" • Max Payload Capacity = 530 lbs. [240.4 kg] 	<p><u>Guying Kit</u></p> <ul style="list-style-type: none"> • WB P/N: 4237001 • 5-level, 4-way guying to platform and 6.00", 7.50", 9.14", & 11.25" collars • 30ft [9.14 m] & 100ft [30.48 m] Guying Radii • 3/16" steel guy lines • (8) 6" Screw Anchors
<p><u>Survival Wind Speed Assumptions</u></p> <ul style="list-style-type: none"> • Payload Weight = 530 lbs. [240.4 kg] • Payload Coefficient of Drag = 1.3 • Payload centroid is on mast axis and 12" [304.8 mm] above top of mast • Mast securely constrained at bottom of mast as well as approximately 5" [127 mm] below collar of base tube by WB supplied hardware or equivalent • 0 degree mast base deployment angle • All wind speeds measured at ground level • Cabling is secured together and fixed to the mast • Survival wind speed will be reduced for increasing payload centroid distance above top of mast • This analysis does not include any evaluation of the stability of a trailer, the trailer, outriggers, and anchors are assumed fixed. 	

The mast performance values in this report represent a theoretical prediction of mast performance based on available payload details. Actual mast performance may vary.